

**Delaware State Clearinghouse Committee
November Agenda**

December 9, 2019

Item	SA#	Applicant	Project Title	Federal	Funding State	Other	Federal	State	Other
New Business*									
1	4278	Department of Health and Social Services, Medicaid and Medical Assistance	Section 1003 Demonstration Project to Increase Substance Abuse Provider Capacity	\$3,579,864	\$0	\$0	0.00	0.00	0.00
2	4277	Department of Services for Children, Youth and Their Families, Division of Management and Support Services, Family Services, Intervention/Treatment	Title IV-B, Subpart 2 Promoting Safe and Stable Families	\$226,391	\$0	\$0	0.00	0.00	0.00
3	4303	Department of Labor, Employment and Training, Employment and Training Services	Fidelity Bonding Demonstration Grants	\$100,000	\$0	\$0	0.00	0.00	0.00
4	4111 Amendment	Delaware National Guard	Delaware Army National Guard Operations and Maintenance Agreement	\$267,049	\$0	\$0	22.50	10.50	0.00
5	4250	Department of Education	Rural and Low Income Schools	\$135,344	\$0	\$0	0.00	0.00	0.00
6	4255	Department of Education	Special Education Administrative Leadership (SEAL)	\$994,282	\$405,189	\$0	0.00	0.17	0.00
7	4276	Department of Education	First State Trauma Recovery Demonstration Grant	\$7,494,000	\$0	\$0	0.00	0.00	0.00
Continued									
1	3843	Executive, Criminal Justice, Criminal Justice Council	Childrens Justice Act Grant	\$88,957	\$0	\$0	0.00	0.00	0.00
2	4245	Executive, Criminal Justice, Criminal Justice Council	Services-Training-Officers-Prosecutors, Violence Against Women Formula Grant	\$951,079	\$180,938	\$0	0.65	0.39	0.00
3	4260	Executive, Criminal Justice, Criminal Justice Council	Title II Formula Block Grant	\$400,000	\$41,693	\$0	0.39	0.60	0.00
4	4285	Executive, Criminal Justice, Criminal Justice Council	Residential Substance Abuse Treatment	\$170,639	\$56,880	\$0	0.15	0.06	0.00
5	4287	Executive, Criminal Justice, Criminal Justice Council	National Forensic Sciences Improvement Act - Coverdell	\$272,275	\$0	\$0	0.00	0.00	0.00
6	4261	Legal, Department of Justice	Internet Crimes Against Children	\$370,866	\$0	\$0	2.00	0.00	0.00
7	4157	Department of Health and Social Services, Substance Abuse and Mental Health, Administration	Substance Abuse Prevention and Treatment Block Grant (SABG)	\$6,968,866	\$92,484	\$0	3.20	0.80	0.00
8	4164	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Community Mental Health Block Grant	\$1,598,527	\$0	\$0	0.00	1.00	0.00
9	4241	Department of Health and Social Services, Public Health, Community Health	State Systems Development Initiative-3rd Year	\$100,000	\$0	\$0	0.00	0.00	0.00
10	4253	Department of Health and Social Services, Public Health, Community Health	Integrated HIV/AIDS Prevention	\$1,039,019	\$0	\$0	3.48	0.00	0.00
11	4254	Department of Health and Social Services, Public Health, Community Health	Integrated HIV/AIDS Core Surveillance	\$314,308	\$0	\$0	3.72	0.00	0.00
12	4264	Department of Health and Social Services, State Service Centers	AmeriCorps State Administrative Grant for Delaware Commission on Community and Volunteer Service	\$265,000	\$265,000	\$0	2.75	2.28	0.00
13	4267	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children Farmers' Market Nutrition Program (Food)	\$211,294	\$0	\$0	0.00	0.00	0.00
14	4268	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children Farmers' Market Nutrition Program (Admin)	\$43,277	\$14,372	\$0	0.00	0.20	0.00

*New Business requires the attendance of the Contact Person.
Available on the internet at <http://budget.delaware.gov/clearinghouse/abm.shtml>

15	4269	Department of Health and Social Services, Public Health, Community Health	Clinical Laboratory Improvement Amendments	\$44,450	\$0	\$0	0.60	0.00	0.00
16	4275	Department of Health and Social Services, State Service Centers	Training & Technical Assistance Commission Investment	\$149,090	\$0	\$0	0.00	0.00	0.00
17	4283	Department of Health and Social Services, Substance Abuse and Mental Health, Substance Abuse	Strategic Prevention Framework for Prescription Drugs	\$395,502	\$0	\$0	0.00	0.00	0.00
18	4311	Department of Health and Social Services, Substance Abuse and Mental Health, Community Mental Health	Path Grant (Projects for Assistance in Transition from Homelessness)	\$300,000	\$100,000	\$0	0.00	0.00	0.00
19	3691 Amendment	Department of Health and Social Services, Public Health, Community Health	Special Supplemental Nutrition Program for Women, Infants and Children - Breastfeeding Peer Counseling Amendment	\$89,069	\$0	\$0	0.00	0.00	0.00
20	4057 Amendment	Department of Health and Social Services, Public Health, Community Health	Epidemiology and Laboratory Capacity for Infectious Diseases	-\$96,181	\$96,181	\$0	7.25	1.25	0.00
21	4252	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	F-74-D-14 Non-tidal Boating and Fishing Access	\$843,750	\$281,250	\$0	0.72	0.44	0.00
22	4259	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	W-38-R-21 Wildlife Investigations- Wild Turkey	\$219,125	\$73,010	\$0	0.64	0.17	0.00
23	4263	Department of Natural Resources and Environmental Control, Office of Natural Resources, Division of Fish and Wildlife	W-50-D-2 Coastal Impoundment Restoration and Enhancement	\$2,124,012	\$708,004	\$0	0.12	0.70	0.00
24	4265	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	F-47-R-30 Anadromous Species Investigations	\$360,375	\$120,125	\$0	1.36	1.33	0.00
25	2511 Amendment	Department of Natural Resources and Environmental Control, Office of the Secretary, Energy and Climate	Clean Cities Coalition Programmatic Support	\$15,000	\$0	\$0	0.00	0.00	0.00
26	4257	Department of Safety and Homeland Security, State Police, Traffic	Motor Carrier Safety Assistance Program	\$1,251,259	\$243,879	\$0	6.28	0.83	0.00
27	4282	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management	Homeland Security Grant Program	\$4,077,500	\$0	\$0	2.75	0.00	0.00
28	4284	Department of Safety and Homeland Security, Office of the Secretary, Delaware Emergency Management Agency	Non-Profit Security Grant Program	\$150,000	\$0	\$0	0.00	0.00	0.00
29	4298	Department of Labor, Employment and Training, Employment and Training Services	Disabled Veterans Outreach Program	\$555,974	\$0	\$0	6.00	0.00	0.00
30	4270	Department of Agriculture, Plant Industries	Cooperative Agricultural Pest Survey	\$29,580	\$0	\$0	0.12	0.00	0.00
31	4272	Department of Agriculture, Plant Industries	Cooperative Agricultural Pest Survey-Infrastructure	\$72,069	\$0	\$0	0.83	0.00	0.00
32	4273	Department of Agriculture, Plant Industries	Cooperative Agricultural Pest- Fire Ant Survey	\$9,400	\$0	\$0	0.05	0.00	0.00
33	4289	Fire Prevention Commission, State Fire School	Firefighters Assistance Grant	\$358,182	\$37,000	\$0	0.00	0.00	0.00
34	4266	Department of Education	Head Start Collaboration	\$125,000	\$41,360	\$0	0.75	0.00	0.00
35	3603 Amendment	Department of Education	Charter Schools Program	\$4,194,200	\$0	\$0	0.00	0.00	0.00
36	4155 Restated	Department of Natural Resources and Environmental Control, Division of Climate, Coastal, and Energy	Assessing Beneficial Use of Dredged Sediments - Restated from September DSCC Agenda	-\$75,000	\$75,000	\$75,000	0.00	0.00	0.00

Higher Education

1	2019-11-09-01	University of Delaware	Chemometrics and Scientific Discovery from Chemical Data Analyses	\$47,496	\$0	\$0			
2	2019-11-09-02	University of Delaware	Promoting Probabilistic Modeling Among Undergraduate and Graduate Students	\$238,414.00	\$0	\$0			

3	2019-11-09-03	University of Delaware	Development of Accessible Methods for the Use of Inertial Measurement Units in Real-world Gait Analysis	\$502,878.00	\$0	\$0
4	2019-11-09-04	University of Delaware	Investigating Metabolic Drivers of Prostate Cancer	\$1,726,784.00	\$0	\$0
5	2019-11-09-05	University of Delaware	Membrane-Wrapped Nanoparticles for Targeted SIRNA Delivery to Treat Triple-negative Breast Cancer	\$0	\$0	\$150,000.00
6	2019-11-09-06	University of Delaware	High Speed Communication System with Advanced Transistors for 5G and Beyond	\$0	\$0	\$150,000.00
7	2019-11-09-07	University of Delaware	USDA MCINTIRE STENNIS 20	\$133,095.00	\$0	\$0
8	2019-11-09-08	University of Delaware	Integrated Weed Management in Cover Crop-based Field Crop Production	\$210,000.00	\$0	\$0
9	2019-11-09-09	University of Delaware	Center for Pediatric Research	\$0	\$0	\$29,602.00
10	2019-11-09-10	University of Delaware	Provision of Coaching and Curriculum Review in Literacy.	\$0	\$0	\$2,375.00
11	2019-11-09-11	University of Delaware	Novel Membrane Electrolyte for High Energy Fluoride-Ion Battery	\$0	\$0	\$31,298.00
12	2019-11-09-12	University of Delaware	Lithospher-Scale Anisotropic Imaging Across the Eastern North American Margin's Ocean-Continent Transition	\$77,610.00	\$0	\$0
13	2019-11-09-13	University of Delaware	Advanced Leadership Training for Professionals	\$0	\$0	\$58,636.00
14	2019-11-09-14	University of Delaware	Regulation of Postnatal Joint Growth by Muscle Loading	\$1,249,999.00	\$0	\$0
15	2019-11-09-15	University of Delaware	DuPont Environmental Education Center PADE 19/20 Partner Organization	\$0	\$0	\$12,500.00
16	2019-11-09-16	University of Delaware	Load Rating of Bridges with Missing As-Built Plans	\$0	\$0	\$28,197.00
17	2019-11-09-17	University of Delaware	Bookworms Implementation Support Customized for Special Education Teachers, EL Teachers and Reading Specialists.	\$0	\$0	\$3,088.00
18	2019-11-09-18	University of Delaware	Sussex County Appropriation Sussex Fiscal Years 2018-2021	\$0	\$0	\$109,049.00
19	2019-11-09-19	University of Delaware	Incorporating Inter Generational Programming Towards a Culture of Health in at Risk Communities	\$0	\$0	\$311,656.00
20	2019-11-09-20	University of Delaware	RAPID: Performance of Reinforced Concrete Structures with Externally Bonded Fiber Reinforced Polymer Composite Retrofits in Anchorage, AK Earthquake	\$5,096.00	\$0	\$0
21	2019-11-09-21	University of Delaware	Internal vs External Cues: Mechanisms to Promote Healthy Weight Across the Lifespan	\$275,000.00	\$0	\$0

22	2019-11-09-22	University of Delaware	Collagen-Mediated Approaches for Increasing Efficacy and Enabling Hypothermic Therapies in Osteoarthritis Treatment	\$1,250,000.00	\$0	\$0
23	2019-11-09-23	University of Delaware	Peptidoglycan Fragment Library to Investigate Innate Immune Responses	\$2,714,027.00	\$0	\$0
24	2019-11-09-24	University of Delaware	A Novel Parallel Programming Approach and Compiler Technology - Explore Dataflow Software Pipelining for PAPPA	\$709,876.00	\$0	\$0
25	2019-11-09-25	University of Delaware	Investigating Virtual Learning Environments	\$0.00	\$0	\$32,487.00
26	2019-11-09-26	University of Delaware	Understanding Transcriptional Control by EWSFLI1 in Ewing's Sarcoma	\$0	\$0	\$660,000.00
27	2019-11-09-27	University of Delaware	CollabVal: A Multimodal Framework forEvaluating Team's Collaboration in Real-Time	\$0	\$0	\$80,000.00
28	2019-11-09-28	University of Delaware	The Impact of Sugar-Sweetened Beverage Warning Labels on Consumer Beliefs and Behaviors	\$0	\$0	\$19,983.00
29	2019-11-09-29	University of Delaware	A Large-Scale, Long-Term, Randomized Trial of Nutrition Labeling Interventions in Vending Machines	\$0	\$0	\$11,332.00
30	2019-11-09-30	University of Delaware	Increasing Equity by Addressing Exclusion: National and Local Policy Analysis	\$0	\$0	\$227,004.00
31	2019-11-09-31	University of Delaware	Wave 2 University of Delaware Well-Connected Communities	\$0	\$0	\$56,293.00
32	2019-11-09-32	University of Delaware	Supplement to CDS/ARMY Executive Office for Simulation, Training and Implementation HDILED SERVICE Kiamilev	\$0	\$0	\$329,650.00
33	2019-11-09-33	University of Delaware	Identifying Predictive Neural Signatures Associated with Different Motivations for Substance Use	\$1,545,677.00	\$0	\$0
34	2019-11-09-34	University of Delaware	Nuvve Research Year 4 Funding	\$0	\$0	\$350,499.00
35	2019-11-09-35	University of Delaware	Extending the Service Life of Rigid Pavement Joints with Self-Healing Sealants	\$0	\$0	\$91,965.00
36	2019-11-09-36	University of Delaware	Using Artificial Intelligence as a Predictor for Landslides along Linear Infrastructure Systems	\$0	\$0	\$60,457.00
37	2019-11-09-37	University of Delaware	Structure Behind Chaos: Properties of Fluctuations in Small Systems	\$205,884.00	\$0	\$0
38	2019-11-09-38	University of Delaware	The Shanghai Jewish Refugee During the Holocaust - An Educational Outreach Project - Master Players Concert Series	\$0	\$0	\$2,550.00
39	2019-11-09-39	University of Delaware	Development of Stable Fluorinated Anion Exchange Membrane	\$0	\$0	\$101,228.00
40	2019-11-09-40	University of Delaware	Passive Strain Sensing Based on Changes in Retroreflectivity	\$0	\$0	\$112,327.00

41	2019-11-09-41	University of Delaware	Managing Agricultural Drainage Ditches for Conservation Biological Control on the Delmarva Peninsula	\$0	\$0	\$40,448.00
42	2019-11-09-42	University of Delaware	Collaborative Research: Leveraging Massive Smartphone Location Data to Improve Understanding and Prediction of Behavior in Hurricanes	\$224,212.00	\$0	\$0
43	2019-11-09-43	University of Delaware	CY2019 ONR Ship Support Supplemental	\$14,435.00	\$0	\$0
44	2019-11-09-44	University of Delaware	Temperature Profile Refinement and Centrifugal Spit Separation for Commercial-scale Evaporation Sources	\$0	\$0	\$6,896.00
45	2019-11-09-45	University of Delaware	Irex Mandela Washington Fellowship for Young African Leaders	\$0	\$0	\$176,033.00
46	2019-11-09-46	University of Delaware	Planning a Clinical Trial of Tai Chi for Knee-Related Quality of Life Endpoints After an ACL Reconstruction (TaCKLE ACL)	\$0	\$0	\$41,682.00
47	2019-11-09-47	University of Delaware	Investigating Teacher-Child Interactions and Reading Growth for Young English Learners	\$0	\$0	\$11,209.00
48	2019-11-09-48	University of Delaware	Using Eye-Tracking, Smart Wearables, and Real-Time Audio Classification Technology to Examine the Role of Environmental Noise on Language Development	\$0	\$0	\$366,919.00
49	2019-11-09-49	University of Delaware	Electrosynthesis of Non-Traditional Metal-Organic Frameworks	\$413,299.00	\$0	\$0.00
50	2019-11-09-50	University of Delaware	EAGER: In-Plane Bending Meta-Unit for Phase-Only Spatial Light Modulators at Infrared and Terahertz Frequencies	\$121,938.00	\$0	\$0
51	2019-11-09-51	University of Delaware	Stakeholder - Informed Measurement of Offshore Wind and Commercial Fishing Compatibility	\$0	\$0	\$27,903.00
52	2019-11-09-52	University of Delaware	Mechanical Regulation of Skeletal Integrity in Breast Cancer	\$285,400.00	\$0	\$0
53	2019-11-09-53	University of Delaware	Automated Deep Reconnaissance of Malware	\$0	\$0	\$6,510.00
54	2019-11-09-54	University of Delaware	Beneficiation of Reclaimed Asphalt Pavement for Effective Utilization in Concrete	\$0	\$0	\$60,225.00
55	2019-11-09-55	University of Delaware	Mapping Pavement Delamination Using Aerial Infrared Imaging	\$0	\$0	\$72,857.00
56	2019-11-09-56	University of Delaware	Enhancement of the OncoMX Knowledgebase to Develop a Comprehensive Cancer Biomarker-centric Resource	\$0	\$0	\$413,872.00
57	2019-11-09-57	University of Delaware	Stratified and Mechanically-Tough Biomaterial Implant to Improve Tendon-to-Bone Enthesis Regeneration	\$0	\$0	\$238,725.00
58	2019-11-09-58	University of Delaware	Cargo Sorting into Distinct Subsets of Extracellular Vesicles	\$0	\$0	\$279,804.00
59	2019-11-09-59	University of Delaware	Hydrogel-based Antifibrotic Therapy for Vocal Fold Scarring	\$274,998.00	\$0	\$0

60	2019-11-09-60	University of Delaware	Assessing the Comparative and Longitudinal Benefits of Vascularized Composite Allotransplantation of the Hand	\$625,097.00	\$0	\$0.00
61	2019-11-09-61	University of Delaware	RheoSurfR Neutron Reflectivity-Rheology Sample Environment for Studying Soft Matter, Biology, and Materials Processing at Air-Liquid and Liquid-Liquid Interfaces (STTR).	\$0	\$0	\$80,678.00
62	2019-11-09-62	University of Delaware	How Can we Incentivize the Elderly to use SNAP?	\$0	\$0	\$11,190.00
63	2019-11-09-63	University of Delaware	Establishing the Science behind Alzheimer's Recruitment Registries: Opportunities for Increasing Diversity and Accelerating Enrollment into Trials	\$0	\$0	\$1,552,743.00
64	2019-11-09-64	University of Delaware	Anion Exchange Membrane for High Efficiency Solar-to-Hydrogen Generation	\$0	\$0	\$37,588.00
65	2019-11-09-65	University of Delaware	Price Discovery for Strategic Compensation of P3 Variable Toll Concessions to Relieve State Maintenance Impacts	\$0	\$0	\$44,254.00
66	2019-11-09-66	University of Delaware	Durability Assessment of Externally Bonded Fiber-Reinforced Polymer (FRP) Composite Repairs in Bridges	\$0	\$0	\$53,013.00
67	2019-11-09-67	University of Delaware	Decision Support Tools for Multi-objective, Multi-asset, Multi-modal Joint Maintenance Programming	\$0	\$0	\$44,253.00
68	2019-11-09-68	University of Delaware	University of Delaware NMP10	\$0	\$0	\$138,000.00
69	2019-11-09-69	University of Delaware	Determine the Effect of Exogenous Enzyme on Milk Production in Lactating Cows	\$0	\$0	\$47,110.00
70	2019-11-09-70	University of Delaware	Using MRI Technology to Examine Neurobiological Mechanisms via Which Traumatic Stress Leads to Opioid Abuse	\$156,934.00	\$0	\$0
71	2019-11-09-71	University of Delaware	Allo Alphabet: Côte d'Ivoire Phone-Based Literacy Intervention	\$0	\$0	\$174,999.00
72	2019-11-09-72	University of Delaware	Hospital Acquired Infections Training with Wearable Technology in the Air Force	\$0	\$0	\$6,510.00
73	2019-11-09-73	University of Delaware	Green Roofs for a Sustainable Air Force	\$0	\$0	\$6,510.00
74	2019-11-09-74	University of Delaware	CES-RWJF Culture of Health	\$0	\$0	\$25,502.00
75	2019-11-09-75	University of Delaware	Improving Education in Rural Cote d'Ivoire using Adaptive Technology to Support Teacher Professional Development	\$0	\$0	\$45,179.00
76	2019-11-09-76	University of Delaware	Supplement to Toolkit for Fast, Multipurpose and Inducible Biorthogonal Chemistry	\$76,015.00	\$0	\$0
77	2019-11-09-77	University of Delaware	CIFAR Co-Director Humans & the Microbiome Program	\$0	\$0	\$53,000.00
78	2019-11-09-78	University of Delaware	Coaching and PD to Support Implementation of Bookworms Curriculum in K-5th Grade Classrooms	\$0	\$0	\$5,701.00

79	2019-11-09-79	University of Delaware	The Composition of Organic Sulfur in Accumulating Soils of a Temperate Salt Marsh: Implications for Sulfurization in Salt Marshes	\$0	\$0	\$110,000.00
80	2019-11-09-80	University of Delaware	Grand Challenge FAIR DEAL LDRD Project	\$0	\$0	\$33,842.00
81	2019-11-09-81	University of Delaware	The Adolescent SLuMBER Study: Sleep Lifestyles and Media Behavior Environment Research	\$0	\$0	\$44,000.00
82	2019-11-09-82	University of Delaware	To Evaluate the Effect of Different DFM Consortia in Chickens Challenged with Clostridium perfringens	\$0	\$0	\$15,199.00
83	2019-11-09-83	University of Delaware	UNIPROT: A Centralized Protein Sequence and Function Resources	\$0	\$0	\$191,105.00
84	2019-11-09-84	University of Delaware	Processing Speech in Noise: What Eye-Gaze and Brain Responses Can Tell Us About the Relation Between the Listening Environment and Language Outcomes in Bilingual Infants at Risk for Language Disorders	\$309,216.00	\$0	\$0.00
85	2019-11-09-85	University of Delaware	Adaptation of a Resilience-Based Intervention to Improve Psychological Functioning in People with Aphasia	\$300,000.00	\$0	\$0.00
86	2019-11-09-86	University of Delaware	Development of a Screening Resource for Pediatric Mild Traumatic Brain Injury Patients	\$0	\$0	\$271,594.00
87	2019-11-09-87	University of Delaware	Exploring a Performance Portable Software Stack for PIconGPU to Target a Next-Generation Computing System, the FRONTIER Exascale System at ORNL	\$0	\$0	\$154,336.00
88	2019-11-09-88	University of Delaware	Exploring Microbial Responses to Phosphorus Availability in Marine Sediments	\$0	\$0	\$110,000.00
89	2019-11-09-89	University of Delaware	Development of a Next Generation Grade Crossing Safety Model	\$478,245.00	\$0	\$0
90	2019-11-09-90	University of Delaware	Scale Up Studies of Renewable Chemicals	\$0	\$0	\$141,905.00
91	2019-11-09-91	University of Delaware	Expanding Access to High Quality ECE for Low-Income Families Through Cross-Sector Collaboration: An Exploratory Examination of PreK and Family Child Care Partnerships in Philadelphia	\$0	\$0	\$70,335.00
92	2019-11-09-92	University of Delaware	Pre-Incident Planning & Communication Software for Emergency Response	\$0	\$0	\$6,510.00
93	2019-11-09-93	University of Delaware	Optimized Battery-Supercapacitor Energy Storage System	\$0	\$0	\$6,510.00
94	2019-11-09-94	University of Delaware	Post-Polymerization Synthesis of Conjugated Polymers from Poly(Phenylene Sulfides) Using Dual CH Activation	\$0	\$0	\$110,000.00
95	2019-11-09-95	University of Delaware	Particle Aggregation and Clogging in Shear Flow Around Asymmetric Fluid Functions	\$0	\$0	\$110,000.00
96	2019-11-09-96	University of Delaware	Understanding Spontaneous Emission Rates in Quantum Emitters Coupled to Hyperbolic Metamaterials	\$303,716.00	\$0	\$0
97	2019-11-09-97	University of Delaware	CY2019 ONR Ship Support Supplemental2	\$69,186.00	\$0	\$0

98	2019-11-09-98	University of Delaware	Vision Aided Navigation	\$0	\$0	\$0
99	2019-11-09-99	University of Delaware	ABC Training Contract DOZIER/ROBEN	\$0	\$0	\$6,480.00
100	2019-11-10-01	University of Delaware	Securing Conversations from Vulnerable "Always Listening" Smart Technology and IoT Devices	\$0	\$0	\$6,510.00
101	2019-11-10-02	University of Delaware	Developing a Novel Method to Sanitize Fresh Produce and Disinfect Wash Water Using Micronanobubbles	\$0	\$0	\$20,560.00
102	2019-11-10-03	University of Delaware	Enhancement of Laboratory Emergency Preparedness: Increasing the Testing Capacity of the NAHLN and the NAHLN Laboratories in State of Delaware	\$134,312.00	\$0	\$0
103	2019-11-10-04	University of Delaware	ABC Training Contract DOZIER/ROBEN 20	\$0	\$0	\$4,630.00
104	2019-11-10-05	University of Delaware	Evaluation of the Delaware Plan to Reduce Unintended Pregnancy	\$0	\$0	\$334,547.00
105	2019-11-10-06	University of Delaware	SusChem Collaborative Research: Process Optimization of Novel Routes for the Production of bio-based Para Xylene	\$129,462.00	\$0	\$0
106	2019-11-10-07	University of Delaware	Groundwater Flooding of Urban Areas	\$0	\$0	\$23,623.00
107	2019-11-10-08	University of Delaware	High Performance GaN High Electron Mobility Transistors for 5G Beyond Wireless Communications	\$0	\$0	\$6,510.00
108	2019-11-10-09	University of Delaware	Strengthening Local, Regional, and National Emergency Poultry Disease Response	\$238,166.00	\$0	\$0
109	2019-11-10-10	University of Delaware	TCRP Synthesis SE-07; Maintenance Planning For Rail Asset Management - Current Practices	\$0	\$0	\$45,000.00
110	2019-11-10-11	University of Delaware	ABC Training Contract DOZIER/ROBEN 20	\$0	\$0	\$4,630.00
111	2019-11-10-12	University of Delaware	The Impact of Cultural Practices, Media Exposure, and Family Communication about Meat Consumption Behavior in Cancer-Related Disparities	\$0	\$0	\$138,158.00
112	2019-11-10-13	University of Delaware	3D Printed Hierarchical Electrodes for High-Performance Lithium Ion Batteries	\$0	\$0	\$28,858
113	2019-11-10-14	University of Delaware	Targeting DNA Repair to Increase Genomic Stability in Chinese Hamster Ovary (CHO) Cell Lines	\$0	\$0	\$146,462
114	2019-11-10-15	University of Delaware	Foxe3 and Gene Regulatory Networks in Lens and Eye Development	\$0	\$0	\$80,450
115	2019-11-10-16	University of Delaware	Cryospheric and Atmospheric Forcing Mechanisms of U.S. Drought: Spatiotemporal Variability	\$109,947.00	\$0	\$0
116	2019-11-10-17	University of Delaware	Combating Opioid Overdose Through Community-Level Intervention	\$0	\$0	\$221,126

117	2019-11-10-18	University of Delaware	4H Positive Youth Development Program	\$0	\$0	\$10,000
118	2019-11-10-19	University of Delaware	CK2.1, A Novel Peptide for Cartilage Repair	\$275,000.00	\$0	\$0
119	2019-11-10-20	University of Delaware	Physical Activity Through Walking After Knee Replacement from Physical Therapy	\$300,000.00	\$0	\$0
120	2019-11-10-21	University of Delaware	Light-Weight and Conformable Solar Modules	\$0	\$0	\$7,837
121	2019-11-10-22	University of Delaware	Advanced Roll-to-Roll (R2R) Processing for Chalcopyrite-Based Solar Cells: Design and Demonstration of Linear Source	\$0	\$0	\$67,999
122	2019-11-10-23	University of Delaware	Describing Components of Critical Service Learning in Urban Classrooms.	\$0	\$0	\$24,730
123	2019-11-10-24	University of Delaware	Mental Health Association PADE 19/20 Partner Organization	\$0	\$0	\$16,500
124	2019-11-10-25	University of Delaware	Mode of Action and Target Site Toxicity Model Evaluation for PFAS and Hydraulic Fracking Compounds	\$0	\$0	\$39,323
125	2019-11-10-26	University of Delaware	Wilmington Alliance PADE 19/20 Partner Organization	\$0	\$0	\$16,500
126	2019-11-10-27	University of Delaware	Habitat for Humanity PADE 19/20 Partner Organization	\$0	\$0	\$16,500
127	2019-11-10-28	University of Delaware	Can an Educational Game about Art Museums Impact STEM Identity in Girls?	\$0	\$0	\$119,869
128	2019-11-10-29	University of Delaware	Systematic Study of Plasmon-Induced Charge and Energy Transfer in Core-Shell Nanomaterials	\$335,566.00	\$0	\$0
129	2019-11-10-30	University of Delaware	Collaborative Proposal: Controlled Preparation of Supramolecular Layers on Oxide Semiconductors	\$347,306.00	\$0	\$0
130	2019-11-10-31	University of Delaware	Frameworks: Collaborative Research: InFER: An Integrated Framework for Exploratory and Reproducible Inference from Large-Scale Image Data	\$268,032.00	\$0	\$0
131	2019-11-10-32	University of Delaware	Synthesis of Coordination Cage-Based Porous Liquids	\$345,001.00	\$0	\$0
132	2019-11-10-33	University of Delaware	Controlling Charge Between the Sheets: Reimagining Semiconductor Design and Synthesis	\$0	\$0	\$1,000,000.00
133	2019-11-10-34	University of Delaware	HHS DATI FY2020 Delaware Assistive Technology Initiative	\$55,669.00	\$0	\$0
134	2019-11-10-35	University of Delaware	CAS: Rational Design and Controlled Synthesis of Sustainable Macromolecules from Lignocellulosic Biomass	\$236,135.00	\$0	\$0
135	2019-11-10-36	University of Delaware	Nontraditional Noncovalent Interactions in Protein Structure, Function, and Design	\$455,501	\$0	\$0

136	2019-11-10-37	University of Delaware	Provide Professional Learning and Coaching Support of Twelve Extra Days in Bookworms K-5 Reading and Writing.	\$0	\$0	\$11,401
137	2019-11-10-38	University of Delaware	LSAMP BD: University of Delaware / Greater Philadelphia Region Louis Stokes Alliance for Minority Participation (Philadelphia AMP)	\$1,068,786	\$0	\$0
138	2019-11-10-39	University of Delaware	Collaborative Research: Designer Materials Built with Linear Assemblies of Computationally Designed Peptide Building Blocks	\$461,557	\$0	\$0
139	2019-11-10-40	University of Delaware	Molecular Design, Synthesis, and Characterization of Phenolamine-Functionalized Polythiophenes	\$418,440	\$0	\$0
140	2019-11-10-41	University of Delaware	Collaborative Research:SHF:SMALL: Improving the quality of Class-Level Documentation	\$164,494.00	\$0	\$0
141	2019-11-10-42	University of Delaware	Collaborative Research: Overcoming Challenges in Classification Near the Limit of Determination	\$511,971	\$0	\$0
142	2019-11-10-43	University of Delaware	Recasting and Book Reading under Ideal (Dose-Controlled) and Typical (Dose-Variable) Conditions: The Role of Fidelity and Adherence in Production and Comprehension Outcomes for Children with DLD	\$2,955,861	\$0	\$0
143	2019-11-10-44	University of Delaware	Sex Differences in Subclinical CVD, Brain, and Cognition Associations	\$2,133,312	\$0	\$0
144	2019-11-10-45	University of Delaware	Elucidating Biogenesis and Cargo Sorting Mechanisms for Discrete Extracellular Vesicle Subpopulations in C. Elegans	\$1,250,000	\$0	\$0
145	2019-11-10-46	University of Delaware	BELLEVUE/SAMSHA Planet Youth Coalition SPF-PFS Evaluation Team	\$0	\$0	\$25,909
146	2019-11-10-47	University of Delaware	Using Smart Manufacturing to Enable Energy-efficient Manufacturing of Pharmaceutical Products	\$0	\$0	\$92,073
147	2019-11-10-48	University of Delaware	Collaborative Research: Designing Biomaterials Through Computational Simulation and Manipulation of Phase Behavior in a Class of Intrinsically Disordered Proteins	\$179,823	\$0	\$0
148	2019-11-10-49	University of Delaware	Chemical Functionalization and Polymerization of Peptide Particle Assemblies	\$296,079	\$0	\$0
149	2019-11-10-50	University of Delaware	Collaborative Research: OP: Exploring Spin Textures in Quantum Dots	\$379,591	\$0	\$0
150	2019-11-10-51	University of Delaware	Collaborative Research: MLWiNS: Adapting Network Configuration Model from Simulation to Real Deployment through Meta-Learned Domain Generalization	\$164,650	\$0	\$0
151	2019-11-10-52	University of Delaware	SMiLES: Secondary Mathematics, In-the-moment, Longitudinal Engagement Study	\$0	\$0	\$19,166
152	2019-11-10-53	University of Delaware	Mapping Molecules from the Microbiome into the Brain	\$0	\$0	\$1,000,000
153	2019-11-10-54	University of Delaware	Strength Improvement of Materials used in and Scale-up of Fused Filament Fabrication 3D Printing	\$595,231	\$0	\$0
154	2019-11-10-55	University of Delaware	Provision of Structured Principal Effectiveness Training for 25 Participants in the TN Department of Education's Principal Supervisor Network.	\$0	\$0	\$197,935

155	2019-11-10-56	University of Delaware	Creation of Exotic Quantum Matter that Cannot Exist on Earth: Superconductivity-like Pairing State of Bose Condensates in Cold Atom Mixtures in Space	\$62,517	\$0	\$0
156	2019-11-10-57	University of Delaware	Electrochemical Separation of Carbon Dioxide from Air in Life Support Systems	\$240,000	\$0	\$0
157	2019-11-10-58	University of Delaware	Biopesticide Research Under Protocol B00102-19-DE01	\$0	\$0	\$12,000
158	2019-11-10-59	University of Delaware	CAS: Lignocellulosic Building Blocks Towards High-performance and Sustainable Polysulfones and Polyurethanes	\$337,358	\$0	\$0
159	2019-11-10-60	University of Delaware	An Inexpensive Solution Chemistry Route to New High Performance	\$494,516	\$0	\$0
160	2019-11-10-61	University of Delaware	AFOSR A HIGHLY EFFICIENT MULTI-DIMENSIONAL SEMI-LAGRANGIAN DISCONTINUOUS GALERKIN METHOD FOR VLASOV SIMULATIONS	\$47,121	\$0	\$0
161	2019-11-10-62	University of Delaware	Brave Community Praxis	\$0	\$0	\$37,029
162	2019-11-10-63	University of Delaware	Large Scale Electrochemical Oxygen Recovery System from Carbon Dioxide	\$240,000	\$0	\$0
163	2019-11-10-64	University of Delaware	Elements: DISCAT 2.0: An Enhanced Information Infrastructure for Collaborative Disaster Research	\$403,158	\$0	\$0
164	2019-11-10-65	University of Delaware	Chemotherapeutic Potential of Metformin and Statins to Prevent Progression to Lethal Prostate Cancer	\$102,052	\$0	\$0
165	2019-11-10-66	University of Delaware	Growth or Compliance: Principals' Perceptions of a PSEL-based Evaluation System	\$0	\$0	\$49,908
166	2019-10-12-14	Delaware State University	Evaluation of Natural Astaxanthin Produced by Microalgae as a Potential Source for Atlantic Salmon (<i>Salmo Salar</i>) Feed	\$0	\$0	\$19,860
167	2019-11-16-01	Delaware State University	Louis Stokes STEM Pathways and Research Alliance: Greater PA Region LSAMP (Philadelphia AMP)	\$0	\$0	\$141,220
168	2019-11-16-02	Delaware State University	Investigating Family Support Interventions for Freshmen (IFSIF)	\$1,107,143	\$0	\$0
169	2019-11-16-03	Delaware State University	Investigating Family Support Interventions for Freshmen (IFSIF)	\$1,460,000	\$0	\$0
170	2019-11-16-04	Delaware State University	Wall Street 101	\$0	\$30,000	\$0
171	2019-11-16-05	Delaware State University	A Novel"Memory Systems" Approach to Opioid Use Disorder	\$0	\$0	\$24,820
172	2019-11-16-06	Delaware State University	Collaborative Proposal: Phenotypic Modelling of Gut, Brain and Microbiome Interactive Effects on Behavior in Gallus Gallus	\$253,795	\$0	\$0
173	2019-11-16-07	Delaware State University	High Performance Nano-Initiative Polymer-Carbon Energy Storage Devices	\$300,000	\$0	\$0

174	2019-11-16-08	Delaware State University	Ultra-high Precision Sensing and Simultaneous Measurements of Carbon, Nitrogen and Sulfur Isotopes to Constrain Tropospheric Methane and Nitrous Oxide	\$499,962	\$0	\$0
175	2019-11-16-09	Delaware State University	Single-Step Preparation of Polymer/Metal-Organic framework Membranes: Electrospinning Fabrication and Application for Hazzard Gas Capture	\$371,244	\$0	\$0
176	2019-11-16-10	Delaware State University	SUMOylation of Alpha-Synuclein as a Regulatory Target in Parkinson's Disease	\$438,000	\$0	\$0
177	2019-11-16-11	Delaware State University	Building Capacity for Training and Diversigying the Workforce in Data Science at DSU	\$1,012,217	\$0	\$0
178	2019-11-16-12	Delaware State University	Think Before Doing	\$0	\$12,000	\$0

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